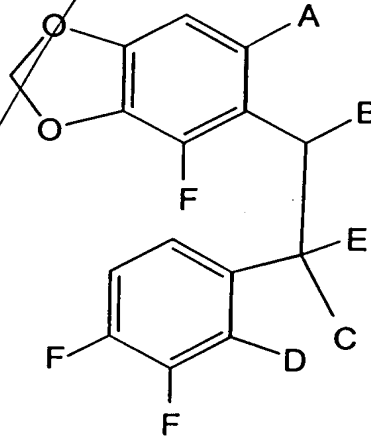


WHAT IS CLAIMED IS:

1. A pharmaceutical composition comprising a compound of the formula



wherein: A is

- (i)  $(CH_2)_W-N-C(O)O-C_{1-6}$  alkyl; and W is  $C_{1-6}$  alkyl; or
- (ii)  $(CH_2)_2-N-$  and forms a six membered ring

with B, said ring containing one nitrogen;

Y is

- (a)  $C_{1-6}$  alkyl, or H;
- (b)  $C(O)-C_{1-6}$  alkyl;
- (c)  $CH_2CH-CH_2-Z$ , wherein Z is  $C_{1-6}$  alkyl or  $O-C_{1-6}$  alkyl;

OH

- (d) aryl; or  
(e) heterocycle;

B is a single bond, OH or halo;

C is -OH, -CH<sub>2</sub>- or forms a 5-membered lactone or lactam ring with D; and

D is:

- (i) -OH, -CH<sub>2</sub>-halo, -CH(O)-, -COOH, -C(O)-O-C<sub>1-6</sub> alkyl, -(CH<sub>2</sub>)<sub>n</sub>-,  
-CHOH-, wherein n is an integer and is 1, 2, or 3; or

- (ii) forms a 5-membered lactone or lactam ring with C;

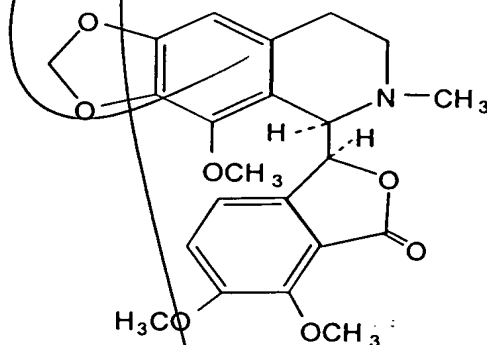
E is -H or -CH<sub>3</sub>; and

F is -OH,

or pharmaceutically acceptable salts thereof, ~~and a pharmaceutically acceptable~~

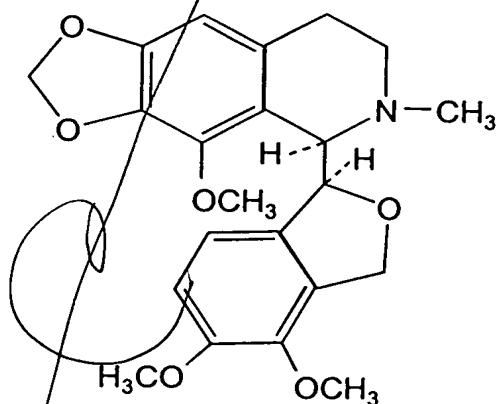
~~carrier, said composition useful in the treatment of neoplastic diseases,~~

with the proviso that the formula excludes noscapine of the structure



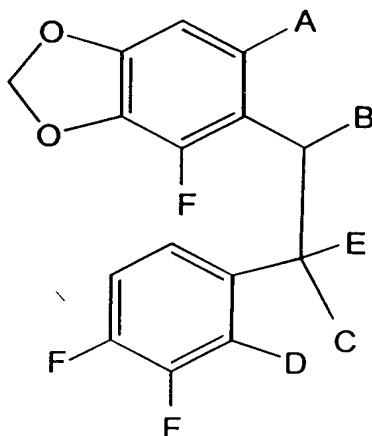
29  
compounds

2. A pharmaceutical composition comprising a compound of the formula:



or pharmaceutically acceptable salts thereof, and a pharmaceutically acceptable carrier, said composition useful in the treatment of neoplastic diseases.

3. A method for the treatment of neoplastic diseases, comprising administering to a mammal in need of such treatment an effective amount of a composition comprising a compound of the formula



wherein: A is

(i)  $\left[ \begin{array}{c} \text{(CH}_2\text{)}_n\text{-N-C(O)O-C}_{1-6}\text{ alkyl;} \\ \text{W} \end{array} \right]$  and W is  $\text{C}_{1-6}$  alkyl; or

(ii)  $\left[ \begin{array}{c} \text{(CH}_2\text{)}_2\text{-N-} \\ \text{Y} \end{array} \right]$  and forms a six membered ring

with B, said ring containing one nitrogen;

Y is

(a)  $\text{C}_{1-6}$  alkyl, or H;

(b)  $\text{C(O)-C}_{1-6}$  alkyl;

(c)  $\left[ \begin{array}{c} \text{CH}_2\text{CH-CH}_2\text{-Z, wherein Z is } \text{C}_{1-6}\text{ alkyl or O-C}_{1-6}\text{ alkyl;} \\ \text{OH} \end{array} \right]$

(d) aryl; or

(e) heterocycle;

B is a single bond, OH or halo;

C is -OH,  $-\text{CH}_2-$  or forms a 5-membered lactone or lactam ring with D; and

D is:

(i) -OH,  $-\text{CH}_2\text{-halo}$ ,  $-\text{CH(O)-}$ ,  $-\text{COOH}$ ,  $-\text{C(O)-O-C}_{1-6}$  alkyl,  $-(\text{CH}_2)_n-$ ,  $-\text{CHOH-}$ , wherein n is an integer and is 1, 2, or 3; or

(ii) forms a 5-membered lactone or lactam ring with C;

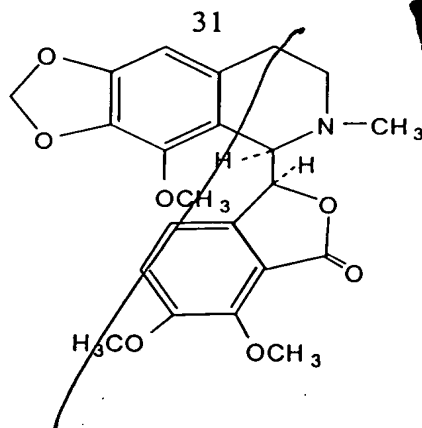
E is -H or  $-\text{CH}_3$ ; and

F is -OH or  $-\text{OCH}_3$ ,

or pharmaceutically acceptable salts thereof, and a pharmaceutically acceptable

carrier, said composition useful in the treatment of neoplastic <sup>diseases.</sup> ~~diseases,~~

~~with the proviso that the formula excludes nescapine of the structure~~

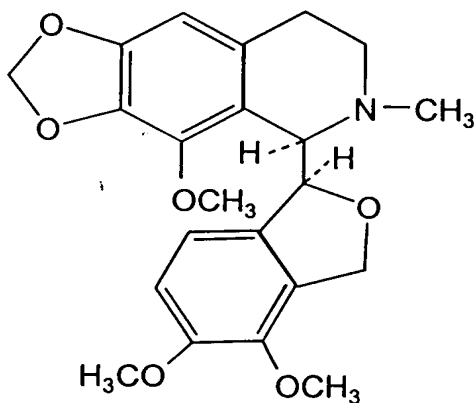


a

2

4.

A method for the treatment of neoplastic diseases,  
comprising administering to a mammal in need of such treatment an effective  
amount of a composition comprising a compound of the formula



T0310

or pharmaceutically acceptable salts thereof, and a pharmaceutically acceptable  
carrier, said composition useful in the treatment of neoplastic diseases.

add  
A1